

Recombinant Human BTN2A1 protein, His-tagged

Cat. No. BTN2A1-1679H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTN2A1 protein(Q7KYR7-1)(Gln29-Ala248), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	C-His
ProteinLength	Gln29-Ala248
Tag	C-His
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Human BTN2A1, His Tag immobilized on CM5 Chip can bind Human CD209, His Tag with an affinity constant of 0.12 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 25.65 kDa. Due to glycosylation, the protein migrates to 38-48 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [BTN2A1 butyrophilin, subfamily 2, member A1 \[Homo sapiens \]](#)

Official Symbol [BTN2A1](#)

Synonyms [BTN2A1](#); butyrophilin, subfamily 2, member A1; butyrophilin subfamily 2 member A1; BT2.1; BTF1; butyrophilin BTF1; DJ3E1.1; BK14H9.1; FLJ36567;

Gene ID [11120](#)

mRNA Refseq [NM_001197233](#)

Protein Refseq [NP_001184162](#)

MIM [613590](#)

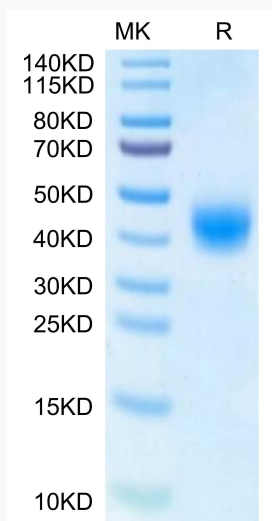
UniProt ID [Q7KYR7](#)

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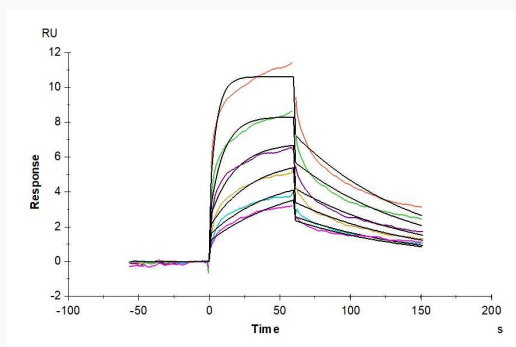
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Tris-Bis PAGE



SPR



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